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(21)Application number : **11-176552** (71)Applicant : **SHOWA DENKO KK**
SHOWA ALUMINUM KAN
KK

(22)Date of filing : **23.06.1999** (72)Inventor : **NAGAO TAKESHI**
TAMURA TAKASHI
MIYAUCHI OTOHIKO
ONISHI KENSUKE

(54) GAS BARRIER BIAXIALLY STRETCHED BLOW BOTTLE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a gas barrier biaxially stretched blow bottle light in wt., high in rigidity, having heat resistance and enhanced in transparency, impact resistance, gas barrier properties and productivity by using a polyester resin as a structural resin and using MXD 6 excellent in processability in an intermediate layer as a barrier resin.

SOLUTION: A gas barrier biaxially stretched blow bottle comprises three layers of polyester resin/barrier resin/polyester resin. In this case, the barrier resin of an intermediate layer contains 0.1-10 wt.% of a silicate composite, which is obtained by the ion exchange reaction with a positive charge org. compd., in such a state that 10% or more (number) of the composite is finely dispersed in a form of an aspect ratio of 200 or more.
